

Buck

$$V_{out} = V_{in} \cdot \text{duty cycle}$$

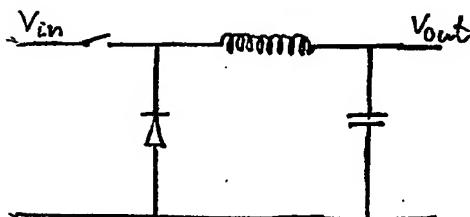


Fig. 1a

Boost

$$V_{out} = V_{in} \frac{1}{\text{duty cycle}}$$

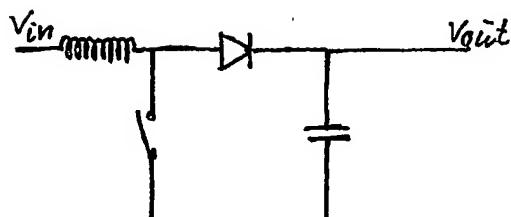


Fig. 1b

Fly Back

$$V_{out} = -V_{in} \frac{1}{\text{duty cycle}}$$

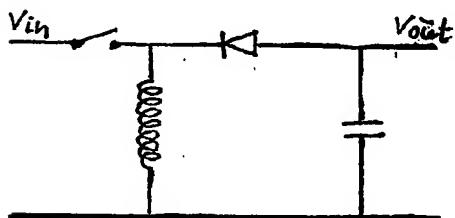


Fig. 1c

$$V_{out} = k$$

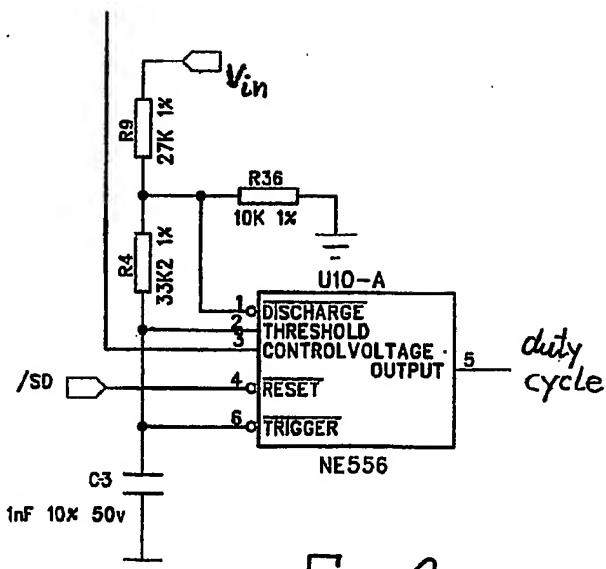
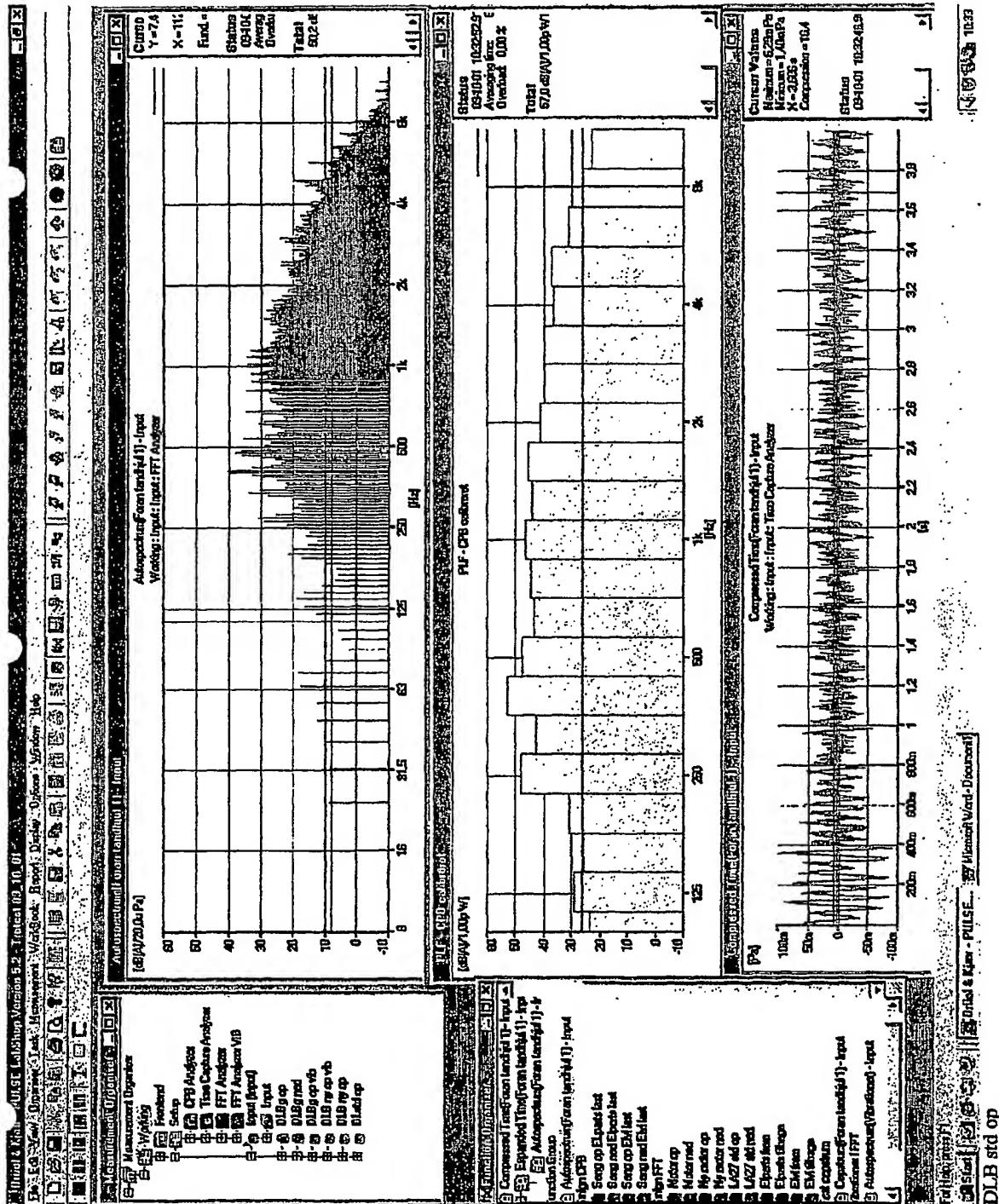
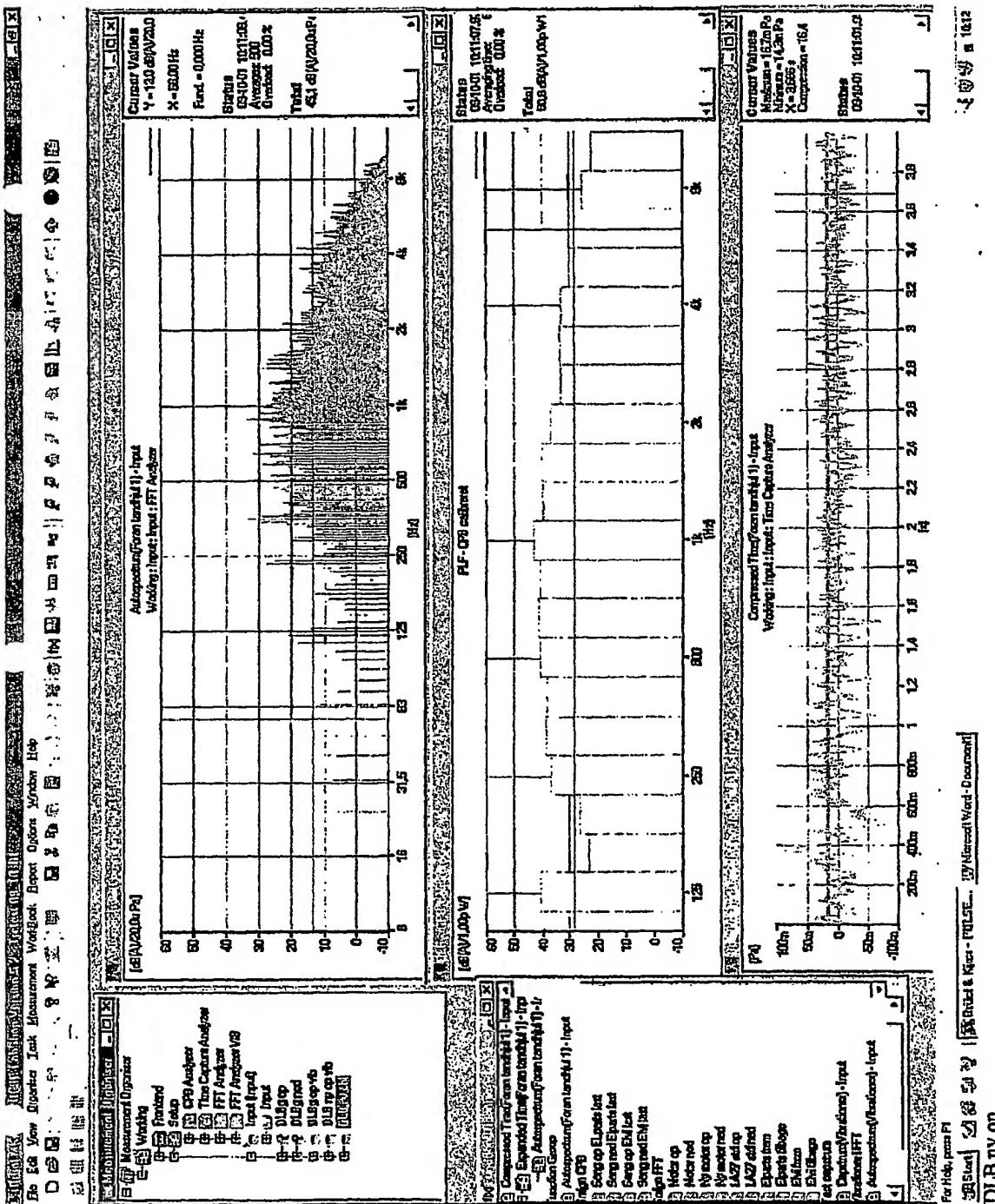


Fig. 2

Fig. 3





SUBSTITUTE SHEET (RULE 26)